

### ABSTRACT

A function maintaining method for a fuel cell system, the fuel cell system including a fuel cell that is supplied fuel and an oxidant to generate electricity, a fuel tank that supplies the fuel to the fuel cell, a tank pressure sensor that detects the pressure of the fuel tank, and a control apparatus that controls the same. The function maintaining method comprises calculating, when a failure of the tank pressure sensor has been detected, the pressure of the tank before a predetermined time interval from the time of this detection and a fuel consumption amount and fuel discharge amount after the detection of the failure, and estimating the pressure of the tank by using the same. A fuel cell system is obtained which can maintain the function and reliability of the fuel cell system.